COMPLETE SAMPLE DELIVERY GROUP FILE (CSF)
EVIDENCE AUDIT CHECKLIST
U.S. Environmental Protection Agency - Region 8
Environmental Services Division, Multi-Media Branch
Analytical Operations Section

Audit Number: **08-11-08**

Date CSF Received: **12/3/07**

Received By: **Cain Bean**

Date of Audit: **12/10/07**

Audited By: **Cain Bean**

Resubmitted CSF? Yes___ No___

Lab Name: **A-4 Scientific, Inc.**

Lab Location: **The Woodlands, TX**

Site Name: **Richardson Flats Tailings**

Site Manager: **Kathryn Hernandez**

RAS Number: **36948**

ULSA Number: _____

SDG Number: **MH23 L0**

Number of Samples: **20/4/5**

CLP Lab Code: **A-4**

AUDIT CHECKLIST

CHAIN OF CUSTODY

1. Custody Seal Present? Yes ✓ No___
2. Condition of Seal? Intact ✓ Signed ✓ Broken___ Unsigned___
3. Chain of Custody Record(s) Present? Yes ✓ No___
4. Chain of Custody Record(s) Signed? Yes ✓ No___
5. Chain of Custody Record(s) Dated? Yes ✓ No___
6. Traffic Report(s) or Packing List(s) Present? Yes ✓ No___
7. Traffic Report(s) or Packing List(s) Signed? Yes ✓ No___
8. Airbill Present? Yes ✓ No___
9. Airbill Number(s) **8631985730313** _____
10. Airbill Signed? Yes ✓ No___
11. Airbill Dated? Yes ✓ No___
12. Sample Tags Present? Yes ✓ No___
13. Should Sample Tags be Present? Yes ✓ No___

FORM DC-2

14. Form DC-2 Present?   Yes ✓   No ___
15. Numbering Scheme on Form DC-2 Correct?   Yes ✓   No ___
16. Enclosed Documents Listed?   Yes ✓   No ___
17. Listed Documents Enclosed?   Yes ✓   No ___

FORM DC-1

18. Form DC-1 Present?   Yes ✓   No ___
19. Form DC-1 Complete?   Yes ✓   No ___
20. Form DC-1 Correct?   Yes ✓   No ___

DOCUMENT CONTROL

21. Laboratory Documents Complete?   Yes ✓   No ___
22. Laboratory Documents Legible?   Yes ✓   No ___
23. Original Documents Included in CSF?   Yes ✓   No ___

DATA INSPECTION

24. Form I's present (for each analytical fraction
as defined by the Traffic Report/Chain of Custody
Record)?   Yes ✓   No ___

25. Forms 2 through 8 (VOC & SVOC), Forms 2 through 10
(Pesticides), Forms 2 through 14 (Metals & Cyanide)
present?   Yes ✓   No ___

26. Raw data present (for each analytical fraction as
defined by the Traffic Report/Chain of Custody
Record)?   Yes ✓   No ___

27. Percent Solids Form present for soil samples?   Yes ✓   No ___

NOTE: If items 1, 3, 4, 6, 7, 8, 12, 14, 18, or 22 are missing,
corrective action measures must be taken by the CSF auditor and
summarized below.

COMMENTS AND NOTES:

Numbering of pages is recorded as 659A to 700
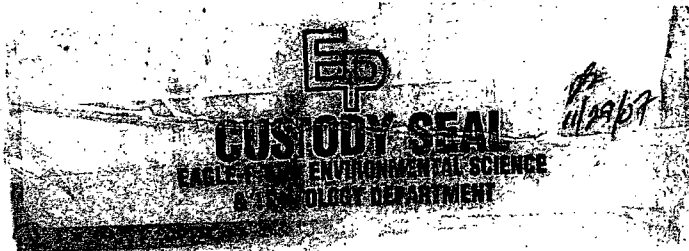however no pages are present from 659A to 700

Cain Beam   12/10/07

Auditor   Date

EPA OFFICIAL SEALS PAGE

Please attach all custody seals below:

AUDIT NUMBER: 08-11-08

EPA CLP ELECTRONIC DISKETTE(S)

CASE #: 36948   SDG #: MH23L0

SITE NAME: Richardson Flat Tailings

RPM: Kathryn Hernandez

DATE: 12/10/07

AUDITOR: Cain Bean

Audit # 08-11-08
RAS # 36948
SDG - MH23L0
Site - Richardson Flat Tailing
RPm - Kathryn Hernandez
Date - 12/10/07
LAB - A-4

USEPA-CLP

COVER PAGE

Lab Name: **A4 Scientific, Inc.**   Contract: **EPW06057**

Lab Code: **A4**   Case No: **36948**   NRAS No.: _____   SDG No: **MH23L0**

SOW No.: **ILM05.4**

EPA Sample No.	Lab Sample ID
MH23L0	0008702-01
MH23L1	0008702-02
MH23L2	0008702-03
MH23L3	0008702-04
MH23L4	0008702-05
MH23L5	0008702-06
MH23L6	0008702-07
MH23L6D	0008702-07D
MH23L6S	0008702-07S
MH23L7	0008702-08
MH23L8	0008702-09
MH23L9	0008702-10
MH23M0	0008702-11
MH23M1	0008702-12
MH23M2	0008702-13
MH23M3	0008702-14
MH23M4	0008702-15
MH23M5	0008702-16
MH23M6	0008702-17
MH23M7	0008702-18

		ICP-AES	ICP-MS
Were ICP-AES and ICP-MS interelement corrections applied?	(Yes/No)	YES	YES
Were ICP-AES and ICP-MS background corrections applied?	(Yes/No)	YES	YES
If yes, were raw data generated before application of background corrections?	(Yes/No)	NO	NO

Comments: _____

_____

_____

_____

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette (or via an alternate means of electronic transmission, if approved in advance by USEPA) has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: *Reddy Pakanati*   Name: **REDDY PAKANATI**

Date: **11/27/07**   Title: **LABORATORY MANAGER**

USEPA-CLP

COVER PAGE

Lab Name: **A4 Scientific, Inc.**   Contract: **EPW06057**

Lab Code: **A4**   Case No: **36948**   NRAS No.: _____   SDG No: **MH23L0**

SOW No.: **ILM05.4**

EPA Sample No.	Lab Sample ID
MH23M8	0008702-19
MH23M9	0008702-20

		ICP-AES	ICP-MS
Were ICP-AES and ICP-MS interelement corrections applied?	(Yes/No)	YES	YES
Were ICP-AES and ICP-MS background corrections applied?	(Yes/No)	YES	YES
If yes, were raw data generated before application of background corrections?	(Yes/No)	NO	NO

Comments: _____
_____
_____
_____

I certify that this data package is in compliance with the terms and conditions of the
contract, both technically and for completeness, for other than the conditions detailed
above. Release of the data contained in this hardcopy data package and in the computer-readable data
submitted on diskette (or via an alternate means of electronic
transmission, if approved in advance by USEPA) has been authorized by the Laboratory
Manager or the Manager's designee, as verified by the following signature.

Signature: *Reddy Pakanati*   Name: **REDDY PAKANATI**

Date: **11/27/07**   Title: **LABORATORY MANAGER**

A4 SCIENTIFIC, INC.
1544 Sawdust Road, Suite 505 • The Woodlands, TX 77380 • Phone (281) 292-5277

| Contract #: EPW06057 | Case #: 36948 | SDG #: MH23L0 |

SDG NARRATIVE

SAMPLE RECIEPT & LOGIN

The following samples were received on the dates listed against them. The samples were logged in for analysis as listed.

EPA SAMPLE #	LAB SAMPLE #	DATE/TIME RECEIVED	AIRBILL NO.	ANALYSIS	Total # of Containers Received	REMARKS	MATRIX
MH23L0	0008702-01	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23L1	0008702-02	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23L2	0008702-03	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23L3	0008702-04	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23L4	0008702-05	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23L5	0008702-06	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23L6	0008702-07	11/9/07 09:43	863198575033	ICP-AES	1	MS/DUP	SOIL
MH23L7	0008702-08	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23L8	0008702-09	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23L9	0008702-10	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23M0	0008702-11	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23M1	0008702-12	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23M2	0008702-13	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23M3	0008702-14	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23M4	0008702-15	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23M5	0008702-16	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23M6	0008702-17	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23M7	0008702-18	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23M8	0008702-19	11/9/07 09:43	863198575033	ICP-AES	1		SOIL
MH23M9	0008702-20	11/9/07 09:43	863198575033	ICP-AES	1		SOIL

ICP-AES

Issue: Samples for case 36948 were received on 11/9/2007. TR/COC listed tag numbers did not match physical tag numbers.
Resolution: Per Region 8 Lab recorded the physical sample tag number on form DC-1 and proceeded with analysis of samples.

Issue: For samples received on 11/9, there was no temperature blank in the cooler. The cooler temperature was determined to 5 degrees. The following method was used to record cooler temperature. Lab Removed ice between two sample containers and placed thermometers between sample containers and stabilized for several minutes. The thermometer was not allowed to come in contact with any material except sample containers. The temperature of the shipping container was recorded on the TR/COC and form DC-1.
Resolution: Per direction from Region 8, the laboratory, proceed with the analysis of the samples.

Issue: There were no custody seals on any of the coolers.
Resolution: Per Region 8, proceed with the analysis of the samples.

A4 SCIENTIFIC, INC.
1544 Sawdust Road, Suite 505 • The Woodlands, TX 77380 • Phone (281) 292-5277

Contract #: EPW06057	Case #: 36948	SDG #: MH23L0

SDG NARRATIVE

Issue: The lab received 121 samples in 5 coolers. There were 2 samples designated for lab QC in each cooler. The lab has a total of 6 SDG, and 10 QC samples designated. Lab confirmed if both designated Lab QC's were to be analyzed or if lab was to select only one per SDG.
Resolution: Per Region 8, the laboratory selected one of the designated samples for laboratory QC per SDG and proceeded with analysis of samples.

Lab selected sample MH23L6 and notified SMO.

SMO was notified. Directive is enclosed. No other discrepancies of issues were noted during receipt and login.

ICP-AES
Soil Samples were digested by Hot-Block technique (HS2) and analyzed using a Thermo Electron ICAP6500.

MS and DUP were performed on sample "MH23L6" and they were within the QC limits.

Analytes with Serial Dilution percent difference not within the control limits are flagged with "E" on Form1s and Form8.

The following Samples were analyzed at a dilution for some elements to bring the concentration below the LDRs. The dilutions were made as below:

Sample ID	Dilution	Volume of digestate (ul)	Volume of 2% HNO3 (ul)	Final Volume (ul)
LCSSP5	1.1	9,091	909	10,000
MH23L0	2.2	4,545	5,455	10,000
MH23L0	3.1	3,226	6,774	10,000
MH23L3	1.6	6,250	3,750	10,000

The following equations are used for calculation of sample results from raw instrument output data:
ICP-AES
SOIL Samples:

$$\text{Concentration (dry Wt.) (mg/kg)} = \frac{C*V}{W*S} * DF$$

Where,
C = Concentration (mg/L)
V = Final sample volume in Liters (L) (0.1L)
W = Wet sample weight (kg) (0.001kg)
S = % solids/100
DF = Dilution Factor

| Lab Name | A4 SCIENTIFIC, INC. | | Page 1 of 1 |

Received By (Print Name) Jessica Schulze   Log-in Date 11/9/07

Received By (Signature) Jessica Schulze

| Case Number | 36948 | Sample Delivery Group No. MH23LO | NRAS Number |

Remarks:		EPA Sample #	Aqueous Sample pH	Corresponding		Remarks: Condition of Sample Shipment, etc.
				Sample Tag #	Assigned Lab #	
1. Custody Seal(s) Present/Absent* Intact/Broken		MH23LO	NA	8311921	0008702- -01	1-ziplockbag Intact
2. Custody Seal Nos. NA		L1		920	-02	
3. Traffic Reports/Chain of Custody Records or Packing Lists Present/Absent*		L2		923	-03	
		L3		930	-04	
4. Airbill Airbill/Sticker Present/Absent*		L4		8242402	-05	
5. Airbill No. 863198575033 NA		L5		8311918	-06	
6. Sample Tags Present/Absent*		L6		L924	-07	
Sample Tag Numbers 11/9/07 Listed/Not Listed on Traffic Report/Chain of Custody Record		L7		8242408	-08	
7. Sample Condition Intact/Broken*/ Leaking		L8		8311925	-09	
8. Cooler Temperature Indicator Bottle Present/Absent*		L9		8242409	-10	
9. Cooler Temperature 5°C		M0		8242401	-11	
10. Does information on Traffic Reports/Chain of Custody Records and sample tags agree? Yes/No*		M1		8311919	-12	
		M2		8311916	-13	
11. Date Received at Lab 11-9-07		M3		8311917	-14	
12. Time Received 943		M4		8311929	-15	
Sample Transfer		M5		8311912	-16	
Fraction MHS	Fraction	M6		8242404	-17	
Area # Cooler A	Area #	M7		8242405	-18	
By JS	By JS	M8		8242406	-19	
On 11-9-07	On 11/9/07	M9		8311914	-20	

* Contact SMO and attach record of resolution

| Reviewed By | | | Logbook No. | NA |
| Date 11/09/07 | | | Logbook Page No. | |

LABORATORY NAME ___A4 SCIENTIFIC, INC.___

CITY/STATE ___THE WOODLANDS, TX___

CASE NO. _36948_ SDG NO. _MH23LO_

SDG NOs. TO FOLLOW ___NA___ _____ _____

NRAS NO. ___NA___

CONTRACT NO. ___EPWO6057___

SOW NO. ___ILM05.4___

All documents delivered in the Complete SDG File must be original documents where possible. (Reference - Exhibit B Section 2.6)

		PAGE NOs.		CHECK	
		FROM	TO	LAB	REGION
1.	Cover Page	1	2	✓	✓
2.	SDG Narrative	3	4	✓	✓
3.	Sample Log-In Sheet (DC-1)	5	5	✓	✓
4.	Inventory Sheet (DC-2))	6	7	✓	✓
5.	Traffic Report/Chain of Custody Record(s)	8	10	✓	✓
6.	Inorganic Analysis Data Sheet (Form I-IN)	11	30	✓	✓
7.	Initial & Continuing Calibration Verification (Form IIA-IN)	31	38	✓	✓
8.	CRQL Standard (Form IIB-IN)	39	44	✓	✓
9.	Blanks (Form III-IN)	45	50	✓	✓
10.	ICP-AES Interference Check Sample (Form IVA-IN)	51	56	✓	✓
11.	ICP-MS Interference Check Sample (Form IVB-IN)	NA	NA	✓	—
12.	Matrix Spike Sample Recovery (Form VA-IN)	57	57	✓	✓
13.	Post-Digestion Spike Sample Recovery (Form VB-IN)	NA	NA	✓	—
14.	Duplicates (Form VI-IN)	58	58	✓	✓
15.	Laboratory Control Sample (Form VII-IN)	59	59	✓	✓
16.	ICP-AES and ICP-MS Serial Dilutions (Form VIII-IN)	60	60	✓	✓
17.	Method Detection Limits (Annually) (Form IX-IN)	61	63	✓	✓
18.	ICP-AES Interelement Correction Factors (Quarterly) (Form XA-IN)	64	64	✓	✓
19.	ICP-AES Interelement Correction Factors (Quarterly) (Form XB-IN)	65	65	✓	✓
20.	ICP-AES and ICP-MS Linear Ranges (Quarterly) (Form XI-IN)	66	66	✓	✓
21.	Preparation Log (Form XII-IN)	67	67	✓	✓
22.	Analysis Run Log (Form XIII-IN)	68	72	✓	

No.	Description	FROM	TO	LAB	REGION
23.	ICP-MS Tune (Form XIV-IN)	NA	NA	✓	—
24.	ICP-MS Internal Standards Relative Intensity Summary (Form XV-IN)	↓	↓	✓	✓
25.	ICP-AES Raw Data	73	604	✓	✓
26.	GFAA Raw Data (If Applicable)	NA	NA	✓	—
27.	ICP-MS Raw Data	↕	↕	✓	—
28.	Mercury Raw Data			✓	—
29.	Cyanide Raw Data	↓	↓	✓	—
30.	Preparation Logs Raw Data	605	643	✓	✓
31.	Percent Solids Determination Log	644	645	✓	✓
32.	USEPA Shipping/Receiving Documents Airbill (No. of Shipments 1)	646	646	✓	✓
	Sample Tags	647	653	✓	✓
	Sample Log-In Sheet (Lab)	654	655	✓	✓
33.	Misc. Shipping/Receiving Records (list all individual records) Telephone Logs	NA	NA	✓	—
	NA	↕	↕	✓	—
34.	Internal Lab Sample Transfer Records & Tracking Sheets (describe or list) Custody Logbook	656	656	✓	✓
	NA	NA	NA	✓	—
35.	Internal Original Sample Prep & Analysis Records (describe or list) Prep Records Digestion Logs	605	606	✓	✓
	Analysis Records Run logs	607	615	✓	✓
	Description Standard prep logs	616	643	✓	✓
36.	Other Records (describe or list) Telephone Communications Log	NA	NA	✓	—
	Emails	657	702	✓	✓
	NA	NA	NA	✓	—

37. Comments: _____

28 11/27/07

Completed by:
(CLP Lab)   _(Signature) Schulze_   Jessica Schulze   sample Custodian   11/26/07
            (Signature)   (Print Name & Title)   (Date)

Audited by:
(USEPA)   _Cain Bean_   Cain Bean   12/10/07
          (Signature)   (Print Name & Title)   (Date)

FORM DC-2-2

ILM05.4

SAMPLE DELIVERY GROUP (SDG)
COVER SHEET

SDG Number: MH23L0

     (X) **ICP-AES Analysis**   ☐ **ICP-MS Analysis**

Laboratory Name: A4 SCIENTIFIC, INC.   **Laboratory Code:**   A4

Contract No.:   EPW06057   **Case No.:**   36948

Analysis Price: **SDG Turnaround:**   21 days

Modified Analysis (if applicable):

Modification Reference No.:

EPA Sample Numbers in SDG (Listed in Numerical Order)

1) MH23L0	**7)** MH23L6	**13)** MH23M2	**19)** MH23M8
2) MH23L1	**8)** MH23L7	**14)** MH23M3	**20)** MH23M9
3) MH23L2	**9)** MH23L8	**15)** MH23M4	**21)**
4) MH23L3	**10)** MH23L9	**16)** MH23M5	**22)**
5) MH23L4	**11)** MH23M0	**17)** MH23M6	**23)**
6) MH23L5	**12)** MH23M1	**18)** MH23M7	**24)**

MH23L0
First Sample in SDG

MH23M9
Last Sample in SDG

11/09/2007
First Sample Receipt Date

11/09/2007
Last Sample Receipt Date

*Note: There are a maximum of 20 **field** samples [excluding Performance Evaluation (PE) Samples] in an SDG. Attach the TR/COC Records to this form in alphanumeric order (the order listed above on this form).*

_Jessica Schu__   11/9/07

Signature   **Date**

Cooler 2

⊕EPA USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No:	36948	L
DAS No:		
SDG No:	MH23L0	

Chain of Custody Record — Sampler Signature: _(signature)_

		For Lab Use Only	
Date Shipped:		Lab Contract No:	EPW06057
Carrier Name: FedEx			
Airbill:		Unit Price:	Ø
Shipped to: A4 Scientific		Transfer To:	
1544 Sawdust Road			2
Suite 505		Lab Contract No:	
The Woodlands TX 77380			
(281) 292-5277		Unit Price:	

Relinquished By	(Date / Time)	Received By	(Date / Time) 8AM
1 Chris Hayes 11/6/07 8AM		Janna Simonsen 11/06/07	
2 Janna Simonsen 11/8/07 11AM			
3			
4		J. Schulze 11/9/07 9:43	

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MH23L0	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG30 (1)	UE01-44-0.5	S: 10/30/2007 9:15	1st dg sdq	0008702-01. Intact
MH23L1	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG31 (1)	UE01-44B-0.5	S: 10/30/2007 9:40		-02-02
MH23L2	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG32 (1)	UE02-44-0.5	S: 10/30/2007 8:45		-03 -05 -03
MH23L3	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG33 (1)	UE02-RR-0.5	S: 10/30/2007 10:30		-06 -04
MH23L4	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG34 (1)	UE03-44-0.5	S: 10/30/2007 10:05		-07 -08 -05
MH23L5	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG35 (1)	UE06-CNTY-0.5	S: 10/30/2007 16:10		-09 -06
MH23L6	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG36 (1)	UE06-CNTY-1.0	S: 10/30/2007 9:45		-010 +11 -07
MH23L7	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG37 (1)	UE08-28-0.5	S: 10/30/2007 17:15		-12 -08
MH23L8	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG38 (1)	UE08-CNTY-0.05	S: 10/30/2007 9:15		-13 -09
MH23L9	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG39 (1)	UE09-28A1X-0.5	S: 10/30/2007 13:20		-14 -0010 -15 -14 -28

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: MH23L6, MH23M5	Additional Sampler Signature(s): 11/9/07	Cooler Temperature Upon Receipt: 5c	Chain of Custody Seal Number: 11/9/07
Analysis Key: TM = CLP TAL Total Metals	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? N	Shipment Iced? Y

TR Number: 8-065602925-110607-0002

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

EPA USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No:	36948
DAS No:	
SDG No:	MH23LO

L

Date Shipped:		Chain of Custody Record		Sampler Signature:		For Lab Use Only	
Carrier Name:	FedEx	Relinquished By	(Date / Time)	Received By	(Date / Time) 8AM	Lab Contract No:	EPW06057
Airbill:		¹Chris Hayes 11/6/07 8AM		Janna Simonsen 11/06/07		Unit Price:	Ø
Shipped to:	A4 Scientific	²Janna Simonsen 11/8/07 11AM				Transfer To:	
	1544 Sawdust Road	3				Lab Contract No:	
	Suite 505						
	The Woodlands TX 77380	4		J. Schulz 11/9/07 943		Unit Price:	
	(281) 292-5277						

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MH23M0	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG40 (1)	UE09-CNTY-0.5	S: 10/30/2007	10:45	0008702-11	Intact
MH23M1	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG41 (1)	UE10-28A1X-0.5	S: 10/30/2007	13:00		-12
MH23M2	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG42 (1)	UE10-CNTY-0.5	S: 10/30/2007	11:00		-13
MH23M3	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG43 (1)	UE11-28A1X-0.5	S: 10/30/2007	12:35		-14
MH23M4	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG44 (1)	UE12-28A1X-0.5	S: 10/30/2007	10:50		-15
MH23M5	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG45 (1)	UE12-28A1X-1.0	S: 10/30/2007	11:00		-16
MH23M6	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG46 (1)	UE12-CNTY-0.5	S: 10/30/2007	14:00		-17
MH23M7	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG47 (1)	UE13-CNTY-0.5	S: 10/30/2007	13:25		-18
MH23M8	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG48 (1)	UE15-CNTY-0.5	S: 10/30/2007	15:00		-19
MH23M9	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG49 (1)	UE16-CNTY-0.5	S: 10/30/2007	15:10		-20

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: MH23L6, MH23M5	Additional Sampler Signature(s): 11/9/07	Cooler Temperature Upon Receipt: 5° 5 c	Chain of Custody Seal Number: 11/9/07
Analysis Key: TM = CLP TAL Total Metals	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? ✓ Shipment Iced? Y

TR Number: 8-065602925-110607-0002

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PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

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